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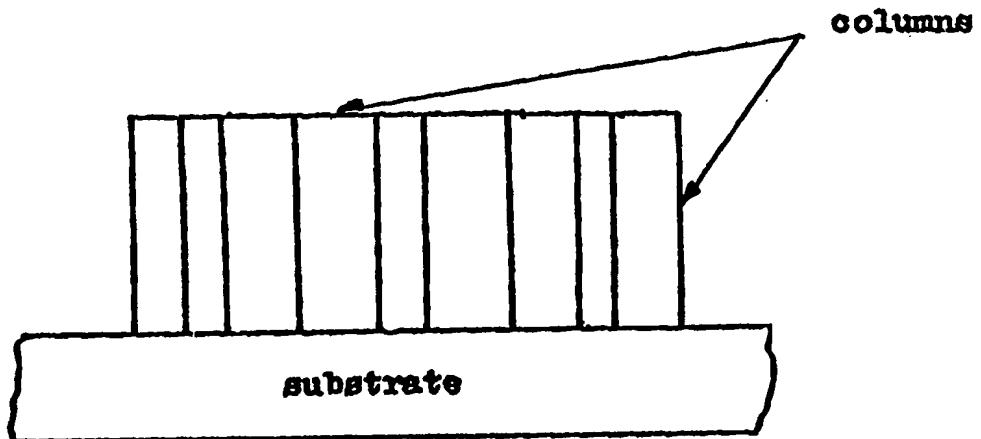
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(54) Title: CATHODOLUMINESCENT SCREEN WITH A COLUMNAR STRUCTURE, AND THE METHOD FOR ITS PREPARATION

(57) Abstract

A cathodoluminescent mosaic screen on a light-transparent substrate wherein the light-emitting components of the screen are implemented as light-guiding single-crystalline columns. A method for preparation of the screen by vapor deposition of the luminescent material onto the substrate coated by localized liquid phase.



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